

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6198831").PN.	USPAT	OR	OFF	2010/09/22 14:33
L2	1	L1 and (wood glass plastic polyurethane)	USPAT	OR	OFF	2010/09/22 14:34
L3	3358	(381/58,59,103,111,431,152).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/09/22 14:51
S1	282	(381/152).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/28 10:43
S2	170	(381/59).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2005/09/14 10:37
S3	6	((("3626281") or ("3449531") or ("4675835") or ("3728497")).PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/18 10:50
S4	0	EP-168078-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 10:17
S5	0	EP-0168078-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 10:50
S6	1	EP-567061-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 14:46
S7	1	WO-9937121-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 10:52
S8	1	GB-2289185-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 12:53
S9	5	"5377274".URPN.	USPAT	OR	OFF	2004/06/18 11:47
S10	3	boesnecker.in. and (loudspeak\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 12:13
S11	0	"Siemens." and (loudspeak\$2) same coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 12:14
S12	10	Siemens.AS. and (loudspeak\$2) same coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 12:15
S13	273	Siemens.AS. and (loudspeak\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 12:15

S14	45	Siemens.AS. and (loudspeak\$2) same frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 12:18
S15	7	Siemens.AS. and (loudspeak\$2) and frequency and flat	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 12:21
S16	4	flat near surface near loudspeak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 12:22
S17	346	(381/58).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2005/03/08 10:31
S18	1	GB-2265519-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 19:42
S19	2	("4015089" "4769848").PN.	USPAT	OR	OFF	2004/06/18 14:48
S20	5	"5377274".URPN.	USPAT	OR	OFF	2004/06/18 13:46
S21	5	(381/58).ccls. and loudspeak\$2 same analyz\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:14
S22	11	"4628530".URPN.	USPAT	OR	OFF	2004/06/18 13:54
S23	0	("381"/\$).ccls. and loudspeak\$2 same analyz\$4 same (requecy near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:14
S24	16	("381"/\$).ccls. and loudspeak\$2 same analyz\$4 same (frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 15:13
S25	1	("5953431").PN.	USPAT; USOCR	OR	OFF	2004/06/18 14:46
S26	1	("4628530").PN.	USPAT; USOCR	OR	OFF	2004/06/18 14:48
S27	0	loudspeak\$2 same analyz\$4 same (frequency near response) same inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:50
S28	0	loudspeak\$2 same analyz\$4 same inverse same (frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:50
S29	1	loudspeak\$2 same analyz\$4 same inverse and (frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:51
S30	17	loudspeak\$2 same analyz\$4 and inverse and (frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:55
S31	2	loudspeak\$2 same analyz\$4 same (measur \$4 near frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:57
S32	9	loudspeak\$2 same analyz\$4 and (measur \$4 near frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:59
S33	5	"4611343".URPN.	USPAT	OR	OFF	2004/06/18 14:58

S34	22	loudspeak\$2 and analyz\$4 and (measur\$4 near frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 14:59
S35	4	(381/103,11).ccls. and loudspeak\$2 same analyz\$4 same (frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 15:13
S36	5	(381/103,111).ccls. and loudspeak\$2 same analyz\$4 same (frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 15:13
S37	21	(381/103,111).ccls. and loudspeak\$2 and analyz\$4 and (frequency near response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 10:38
S38	15	filter near2 includ\$3 near (DSP)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 16:36
S39	0	filter near2 hav\$3 near (DSP)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 16:36
S40	229	filter near (DSP)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 16:36
S41	46	digital near2 filter near (DSP)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 16:38
S42	10	"5081604".URPN.	USPAT	OR	OFF	2004/06/18 16:37
S43	3	("3717756" "3980873" "4805129").PN.	USPAT	OR	OFF	2004/06/18 16:37
S44	405	coil near2 mount\$2 near2 plate	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 16:38
S45	3	(coil near2 mount\$2 near2 plate) same loudspeak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/18 16:39
S46	11	"4628530".URPN.	USPAT	OR	OFF	2004/06/18 16:44
S47	5	((("4628530") or ("5377274") or ("5081604") or ("6259800") or ("6522760")).PN.	USPAT	OR	OFF	2005/03/08 10:01
S48	0	EP-168078-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 10:17
S49	318	(381/431).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2005/09/13 13:41
S50	4	(381/431).ccls. and correct\$3 adj3 frequency adj2 response	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:02
S51	21	("4053711" "4569076" "4908858" "4933786" "4997058" "5185679" "5210796" "5216718" "5263086" "5333201" "5400405" "5412731" "5524053" "5572591" "5592558" "5638452" "5657391" "5680464" "5872851" "5970153" "6038323").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/08 10:36

S52	34	(381/58,59,103,111,431).ccls. and (frequency near response) same inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 15:26
S53	1	(381/58,59,103,111,431).ccls. and (frequency near curve) same inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 11:17
S54	4	("381"/\$).ccls. and (frequency near curve) same inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 11:16
S55	77	\$4speak\$4 and (frequency near curve) and inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 11:16
S56	8	("381"/\$).ccls. and (frequency near curve) same microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 11:17
S57	27	(381/58,59,103,111,431).ccls. and (frequency near curve)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 10:38
S58	117	(381/431).ccls. and frequency adj2 response	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 11:35
S59	1	(381/431).ccls. and (frequency adj2 response) same inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 14:18
S60	2	(flat adj2 \$4speak\$4) same (frequency near response) same inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/08 11:37
S61	1	(381/431).ccls. and compensat\$4 adj3 frequency adj2 response	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 14:16
S62	2	(381/431).ccls. and compensat\$4 adj3 frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 14:16
S63	21	("4053711" "4569076" "4908858" "4933786" "4997058" "5185679" "5210796" "5216718" "5263086" "5333201" "5400405" "5412731" "5524053" "5572591" "5592558" "5638452" "5657391" "5680464" "5872851" "5970153" "6038323").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 14:17
S64	8	(381/431).ccls. and (frequency same inverse)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 15:02
S65	1	("4628530").PN.	USPAT	OR	OFF	2005/03/09 15:25
S66	0	(381/58,59).ccls. and (DFT or FFT) near3 FIR	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 10:38
S67	0	(381/58,59,103,111).ccls. and (DFT or FFT) near3 FIR	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 11:27
S68	3	(381/58,59,103,111).ccls. and (DFT or FFT) same FIR	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 15:27

S69	37	(381/58,59).ccls. and FIR	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 15:55
S70	1	("5081604").PN.	USPAT	OR	OFF	2005/03/09 15:48
S71	1	(381/58,59).ccls. and coefficient\$3 with frequency with curve	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:08
S72	2	((("6760451") or ("5081604"))).PN.	USPAT	OR	OFF	2005/03/09 16:11
S73	10	coefficient\$3 with deriv\$7 with frequency with curve	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/09 16:13
S74	0	GB-2068678-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 12:53
S75	1	GB-2068678-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:54
S76	124	(381/431).ccls. and frequency adj2 response	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:42
S77	49	(381/431).ccls. and (frequency adj2 response) same coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:03
S78	20	(381/431).ccls. and (frequency adj2 response) same coil and inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:05
S79	1	(381/431).ccls. and (frequency adj2 response) and coil and inverse and curve	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:07
S80	21	(381/431).ccls. and (frequency adj2 response) and coil and inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:07
S81	0	(381/58,59).ccls. and requery with response and coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:09
S82	0	(381/58,59).ccls. and requery with response and inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:08
S83	46	(381/58,59).ccls. and frequency with response and inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:08
S84	58	(381/58,59).ccls. and frequency with response and coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 15:19
S85	45	(381/58,59).ccls. and (frequency adj2 response) and coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 11:38
S86	34	(381/58,59).ccls. and (frequency adj2 response) and coil and (flat or thin or plate)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:12

S87	19	(381/58,59).ccls. and (frequency adj2 response) and coil and (flat or thin) and inverse	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:12
S88	376	(381/431).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:41
S89	11	(381/431).ccls. and inverse with frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 13:42
S90	8	("4109107" "4823391" "5303307" "5327504" "5377274" "5511129" "5694476" "6370253").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/13 13:47
S91	1	("4316060").PN.	USPAT	OR	OFF	2005/09/13 13:47
S92	2	((flat or thin) with loudspeaker) same (inverse with frequency with response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 14:47
S93	169	(381/98).ccls. and (flat or panel or (bending adj2 wave)) same frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 15:23
S94	156	(381/431).ccls. and (flat or panel or (bending adj2 wave)) same frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 13:02
S95	2404	("381"/\$).ccls. and (flat or panel or (bending adj2 wave)) same frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 15:24
S96	2397	("381"/\$).ccls. and (flat or panel or (bending adj2 wave) adj2 \$4speaker) same frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/13 15:24
S97	155	(381/431).ccls. and (flat or panel or (bending adj2 wave) adj2 \$4speaker) same frequency	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 14:46
S98	264	(381/59).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 10:37
S99	12	(381/58,59).ccls. and (flat or panel) adj2 \$4speaker	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 13:40
S100	0	carver.in. and "xu mei"	USPAT; EPO; JPO	OR	OFF	2005/09/14 11:15
S101	802	carver.in.	USPAT; EPO; JPO	OR	OFF	2005/09/14 11:15
S102	10	carver.in. and \$4speaker and distortion	USPAT; EPO; JPO	OR	OFF	2005/09/14 11:17
S103	24	carver.in. and \$4speaker	USPAT; EPO; JPO	OR	OFF	2005/09/14 11:29
S104	13	(381/58,59,98,99,103,111).ccls. and (carver) and (distortion or compensation)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 11:27
S105	3	carver.in. and xu	USPAT; EPO; JPO	OR	OFF	2005/09/14 11:29
S106	125	(381/58,59).ccls. and (frequency adj2 response)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 11:38

S107	9	(381/431).ccls. and (oscilla\$5 adj3 coil)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 13:14
S108	0	EP-145997-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 13:15
S109	2	EP-145997-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/14 13:16
S110	1	("4109107").PN.	USPAT	OR	OFF	2005/09/14 13:16
S111	50	("381"/\$).ccls. and ((flat or panel) adj2 speaker) same coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 13:46
S112	72	("381"/\$).ccls. and ((plate) adj2 speaker) same coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 13:52
S113	83	("381"/\$).ccls. and ((flat or panel) adj2 \$4speaker) same coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 13:55
S114	9	("3509290" "3569638" "3801943" "4322583" "4488012" "5818950" "6151402" "6192136").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/14 13:48
S115	62	("381"/\$).ccls. and ((flat or panel) adj2 \$4speaker) same (driver)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 14:04
S116	1	("381"/\$).ccls. and ((flat or panel) adj2 \$4speaker) same (Tv)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 14:05
S117	10	((flat or panel) adj2 \$4speaker) same (Tv)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 14:35
S118	1	((flat or panel) adj2 \$4speaker) with (audio adj2 range)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 14:36
S119	3	((flat or panel) adj2 \$4speaker) same (audio adj2 range)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 15:04
S120	162	((flat or panel) adj2 \$4speaker) same (range or spectrum)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 14:37
S121	32	(381/431).ccls. and ((flat or panel) adj2 \$4speaker) same range	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 14:46
S122	161	((flat or panel) adj2 \$4speaker) and (compensation or correction or non-linear)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/14 15:05
S123	27	((flat thin panel) near3 \$4speaker) with coils	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 19:43

EAST Search History (I nterference)

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